

Interview Summary	Application No. 10/648,888	Applicant(s) VAIS, GEORGE	
	Examiner Michelle (Shelley) Clement	Art Unit 3641	

All participants (applicant, applicant's representative, PTO personnel):

(1) Michelle (Shelley) Clement. (3)_____.

(2) Derek Maughan. (4)_____.

Date of Interview: 24 May 2005.

Type: a) ☒ Telephonic b) ☐ Video Conference
c) ☐ Personal [copy given to: 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☐ No.
If Yes, brief description: _____.

Claim(s) discussed: 4-8.

Identification of prior art discussed: _____.

Agreement with respect to the claims f) ☐ was reached. g) ☐ was not reached. h) ☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Discussed with applicant various claim problems related with 35 USC 112 second paragraph issues and amendments to the claims to clear up those issues as well as clarify scope of claims to clearly recite the interaction between the barrel nut and a receiver of a firearm (See attached).

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.


Examiner's signature, if required

Summary of Record of Interview Requirements

Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record

A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews

Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

37 CFR §1.2 Business to be transacted in writing.

All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiner's responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiner's Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicant's correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:

- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:

- 1) A brief description of the nature of any exhibit shown or any demonstration conducted,
- 2) an identification of the claims discussed,
- 3) an identification of the specific prior art discussed,
- 4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
- 5) a brief identification of the general thrust of the principal arguments presented to the examiner,
(The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
- 6) a general indication of any other pertinent matters discussed, and
- 7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiner's version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, "Interview Record OK" on the paper recording the substance of the interview along with the date and the examiner's initials.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: George Vais

Group/Art Unit: 3641

Application No.: 10/648,888

Examiner: Thomson, Michelle R.

Filed: 08/26/2003

Attorney Docket No: VAIG103

Title: Quick Change Infinitely Adjustable
Barrel Nut Assembly**Amendment and Record of Examiner Interview****Dated: 5/24/2005**To: Examiner Shelley Thompson
FAX ~~541~~- 273-6884
571Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Commissioner:

Applicant's attorney greatly appreciates the consideration and helpful assistance of the Examiner in regard to this application.

In response to the Interview between Derek Maughan and Examiner Shelley Thompson on May 24, 2005, Applicant herein submits these amended claims which reflect the changes suggested by the Examiner in that interview.

These amendments are intended to overcome various problems related to 35 USC §112 issues, as well as to prevent the device of this application from being considered within the scope of pipe fitting arts rather than the firearm arts.

Acceptance of these amendments is respectfully requested.

AMENDMENTS

Listing of Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Cancelled)
2. (Cancelled)
3. (Cancelled)

4. (Currently Amended) An assembly system for connecting a rifle barrel to an upper receiver portion of a rifle said assembly system comprising three separate pieces:

a first piece, a barrel nut, said barrel nut being a generally cylindrically shaped piece defining a generally longitudinal bore extending from a first end along a longitudinal axis to a second end, said bore having a threaded first portion configured to connect with said upper receiver portion of said rifle, said bore also configured to hold a rifle barrel within said barrel nut, said barrel nut further comprising circumvolving grooves configured to engage a lock nut upon an outer surface of said barrel nut;

a second piece, a gas tube and hand guard support ring configured for non-engaging placement over said barrel nut, said gas tube and hand guard support ring having a pair of tabs extending from said support ring, said tabs configured to allow said gas tube and hand guard support ring to align in a desired location upon said ~~at least one portion of said~~ upper receiver portion of said rifle; and

a third piece, a threaded lock nut configured for connection with said barrel nut, ~~said lock nut having an outer surface generally free of projections thus providing an infinite number of locking positions~~; said lock nut configured to compressively engage and hold said support ring in a desired removable position between said threaded lock nut and said upper portion of said rifle. ~~upon said barrel nut.~~

5. (Currently Amended) The assembly system of claim 4 wherein said gas tube and hand guard support ring further defines a groove configured to receive a gas tube therein.

6. (Previously Amended) The assembly system of claim 4 wherein said barrel nut and said lock nut define at least one aperture.

7. (Currently Amended) The assembly system of claim 6 wherein said ~~holes~~ at least one aperture is [are] configured to receive a portion of a tightening tool therein.

8. (Currently Amended) An assembly system for connecting a rifle barrel to an upper receiver portion of a rifle said assembly system comprising three separate pieces:

a first piece, a barrel nut, said barrel nut a generally cylindrically shaped piece having an outer surface and defining a generally longitudinal bore extending from a first end along a longitudinal axis to a second end, said bore having a threaded first portion configured to connect with said upper receiver portion of said rifle, said bore also configured to hold a rifle barrel within said barrel nut, said outer surface of said barrel nut further comprising a plurality circumvolving grooves, said circumvolving grooves configured to engage a lock nut thereupon;

a second piece, a gas tube and hand guard support ring configured for placement over said barrel nut, said gas tube and hand guard support ring having at least one portion configured to receive and hold a portion of a gas tube therein, a pair of tabs configured to allow said gas tube and hand guard support ring to be held in aligned, non-engaging placement upon said rifle; and

a third piece a threaded lock nut configured for connection with said circumvolving grooves of said barrel nut, ~~said lock nut having an outer surface generally free of projections thus defining an infinite number of locking positions;~~ said lock nut configured to compressively hold said gas tube and hand guard support ring in a desired removable position upon said barrel nut.

REMARKS

1. Applicant believes that the foregoing amendments reflect the changes discussed with the Examiner and that these claims as amended are now in condition for allowance.
2. If the Examiner disagrees she is welcome to call the undersigned at the number provided below.

DATED this 24th day of May, 2005

by 

Derck H. Maughan
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(208) 346-1122